INDUSTRIAL COMPONENT DATA

SAC-5P-M12MRB/3,0-PUR 1411556 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MRB/3,0-PUR 1411556

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRB/3,0-PUR

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MRB/3,0-PUR
Catalog number	1411556
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-0F36B1AC1F
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-5P-M12MRB/3,0-PUR - 1411556
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, Elbowed male connector M12, coding: B, to free cable end, cable length: 3 m
Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12, coding: B, on free cable end, cable length: 3 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 5
No. of cable outlets 1
Shielded no
Coding B
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Outer sheath, material PUR
Conductor material Bare Cu litz wires
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Max. conductor resistance 58 ?/m
Mechanical propertiesMechanical data
Insertion/withdrawal cycles 100
Max. bending cycles 4000000
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type Plug angled M12
Number of positions 5
Coding type B
Connection 2
Type free cable end
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 33 kg/km
UL AWM Style 20549
Number of positions 5
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 5x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm 0.05 mm (Signal line)
External cable diameter 4.55 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRB/3,0-PUR with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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